



### ▶ ENGINEERING

- Solidworks 3D CAD Solid Modeling Software
- Amada AP100 Cad/Cam Software
- Mastercam X10 Machining Software
- Amada Dr Abe Bend
- Amada Sheet Works

### ▶ PUNCHING

- Amada EMK 3612MII Turret Punch Press including (4) built in tapping stations with ASR 3015N automated FMS Material Retrieval and Storage
- Amada Vipros 358 King II Hydraulic Turret Press with Automated Loading/Unloading
- (2) Amada Togu Auto Tool Sharpener

### ▶ LASER CUTTING

- Amada ENSIS 3015 3kW High Speed Fiber Laser with 60"x120" automated pallet changer

### ▶ FORMING

- Amada EG 4010 3' 44 Ton AC Servo CNC Press Brake
- (2) Amada FAB III 8025 8' 80 Ton CNC Press Brake
- (2) Amada FAB III 1025 8' 100 Ton CNC Press Brake
- Amada Astro 100 Robotic FAB III 8025 8' CNC Press Brake
- (2) Amada FDB III 1030 100 Ton CNC Press Brake
- (2) Amada RG35 35 Ton Press Brake
- Amada RG50 Press Brake, 50 Ton

### ▶ WELDING

- Amada TSIII NT-HV 80 kva Inverter Table Top Spot Welder for Steel and Aluminum
- (2) Amada ID40ST Spotwelder

- Miller Syncrowave 351 amp Tig Welder
- (3) Miller Syncrowave 250DX Tig Welder
- (4) Miller Dynasty 350 amp Tig Welder
- Millermatic 350P Mig Welder
- (3) Millermatic 252 amp Mig Welder

### ▶ MACHINING

- Haas 2020 EC-400 Horizontal Machining Center
  - 40 Taper, 4 Axis, 8.1K RPM, 30HP
  - X-22", Y-25", Z-22"
  - 100+1 tool changer
  - Full 4th-axis indexing, 6-station 400mm pallet pool
- (2) Haas VF2
  - 40 Taper; 3 Axis; 8.1k RPM; 20 Tool Capacity, 30.0 HP
  - X- 30.0"; Y- 16.0"; Z- 20.0"
- Haas VF4
  - 40 Taper; 3 Axis; 8.1k RPM; 24+1 Tool Capacity, 30.0 HP
  - X- 50.0"; Y- 20.0"; Z- 25.0"
- Haas VF4ss
  - 40 Taper; 3 Axis; 12k RPM; 24+1 Tool Capacity, 30.0 HP
  - X- 50.0"; Y- 20.0"; Z- 25.0"
- HAAS ST-25Y CNC Turning Center
  - 10" Hydraulic Chuck, A2-6; 3400-rpm Spindle 30.0hp
  - 4000-rpm Live Tooling with C axis, 12-Station BMT65 Turret
  - X- 8.4"; Y- +/-2.0"; Z- 22.5", Bar capacity = 3.0" Ø, Two-Stage Auto-Parts Catcher
  - Programmable Tailstock
- Bridgeport Vertical Knee Mill (manual)
- Sharpe Vertical Knee Mill (manual)
- Sharp Lmv-50 With Power Feed Table

- Hyd-Mech 520A Series II Bandsaw with Auto Feed
  - Rectangular 13.0" high x 18.0" wide
  - Round 12.0" Ø @ 45°
- Xlo Vertical Knee Mill

### ▶ GRAINING/DEBURRING

- Timesaving Wet Process 37" Grain + Deburring Center

### ▶ HARDWARE INSERTION

- (2) Haeger 618
- (2) Haeger 824
- Haeger 824-Window Touch with Auto

### ▶ INSPECTION/QUALITY CONTROL

- 40" Mitutoyo Electronic Digi-Master
- Mitutoyo 18" Dial Height Gauge
- Fabrivision SL5-Vision Inspection Machine
- The Roamer Absolute Arm-C Axis

### ▶ POWDER COATING/FINISHING

- Three-stage gas-heated spray washer
- Final fresh RO Halo Rinse
- Reverse osmosis system to fill the phosphate and rinse tanks
- Gas-heated water dryer/powder bake oven
- 470' monorail conveyor system
- Nordson Vantage RCM 8000 automatic powder spray booth with Vers-Spray II six-gun reciprocating automation and i-control
- AZO sieve reclaim
- 3 Nordson manual spray guns

### ▶ MATERIAL HANDLING

- 2012 Chevy Cargo Van
- 2005 Chevy Cargo Van
- 2015 International 24' Box Truck

### ▶ FACILITY

- Modern 45,000 Sq. Ft

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#### Pennsylvania

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